



BUILDING COLORADO'S ENERGY FUTURE UNDER THE CLEAN ENERGY PLAN

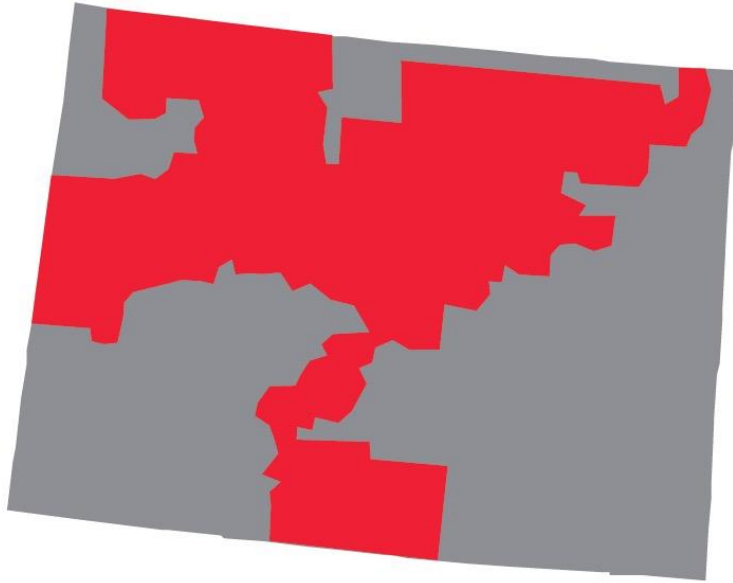
CLEAN, SAFE, RELIABLE AND AFFORDABLE

Alice Jackson, PSCo President
Boulder City Council Meeting

June 8, 2021



Colorado Customers



**1.5 million
Electric
Customers**



**1.4 million
Natural Gas
Customers**



**99.9%
Electric
Reliability**

Powering Colorado's Economy



**\$1.3 billion
spent in local
economies**



4,300+ jobs

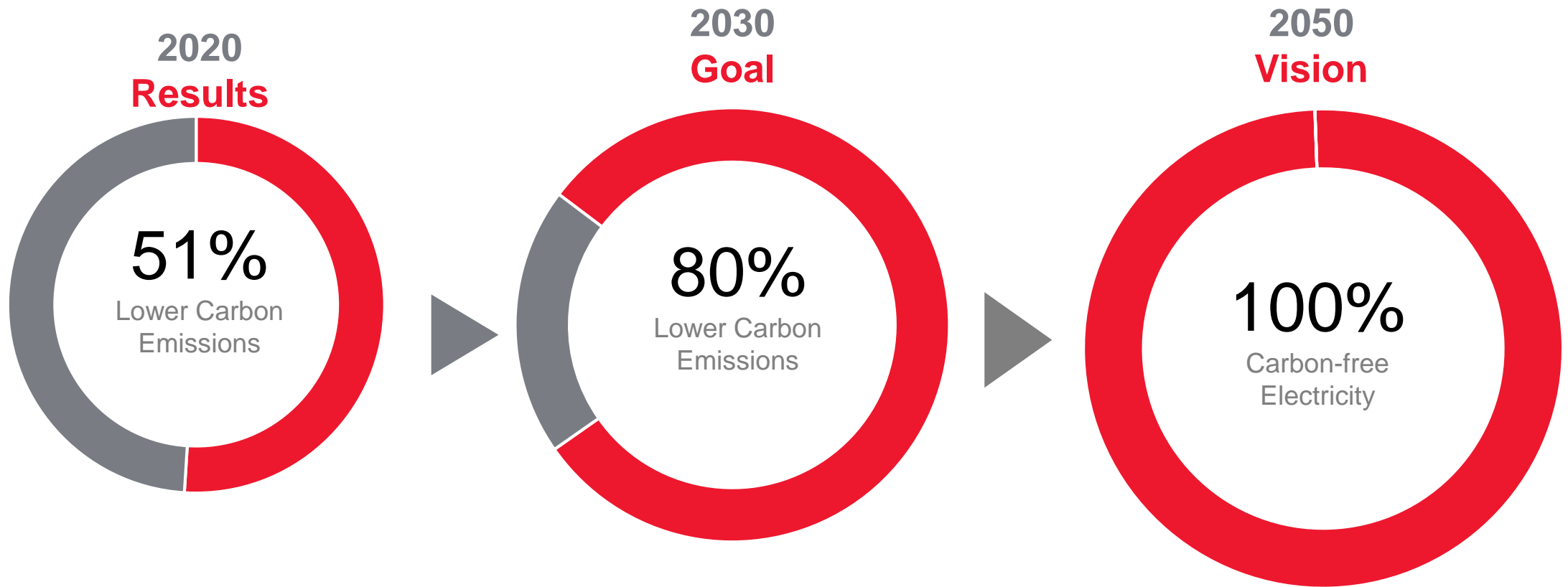


**\$85 million
spent with
diverse suppliers**



**\$196 million
in property taxes**

A Bold Vision for a Carbon-free Future



2020 National Climate Leadership Award for Organizational Leadership

Clean Energy Plan: Three Components

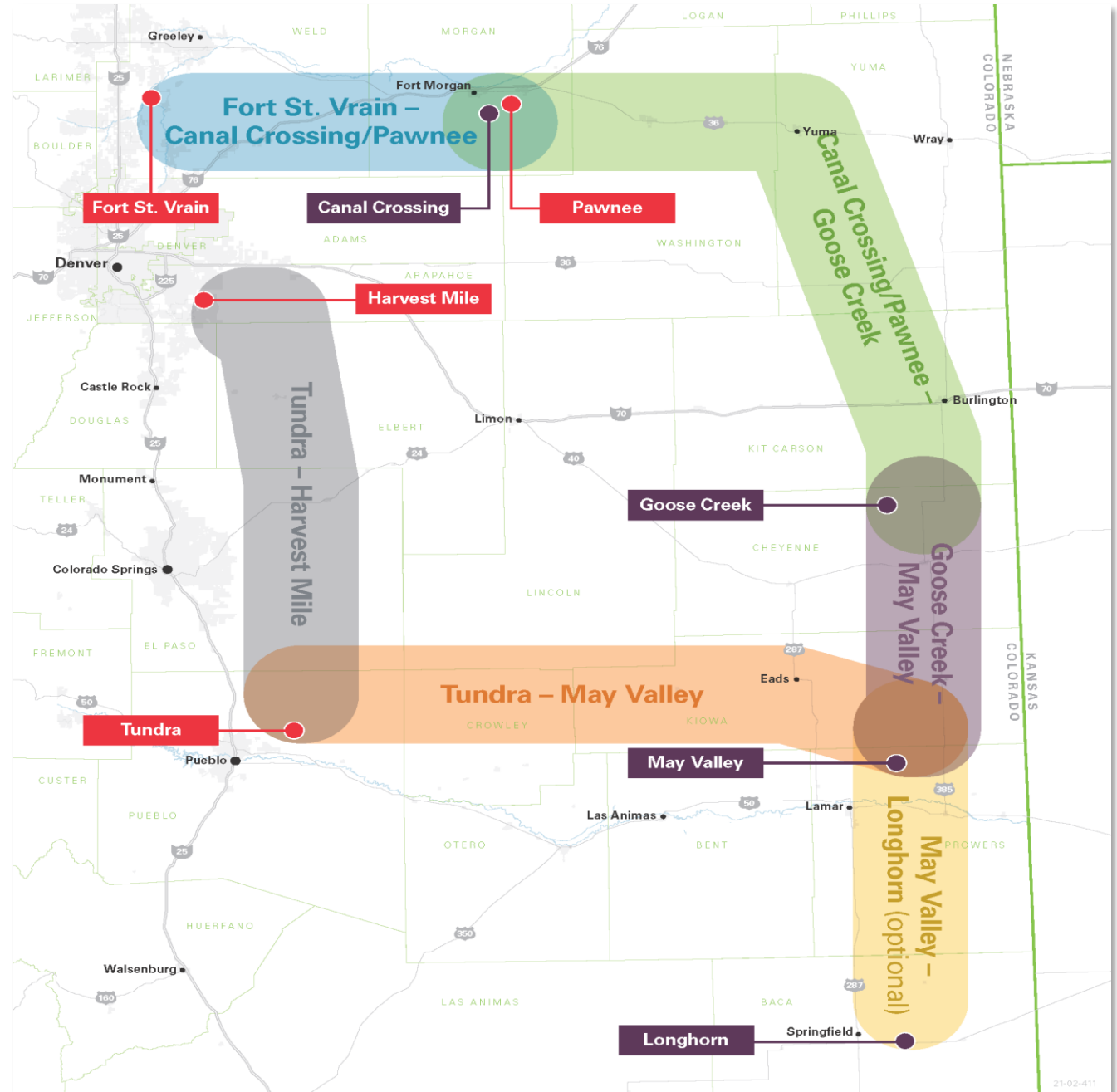
Colorado's Power Pathway:
groundbreaking new transmission investment

Coal Action Plan + Just Transition Elements:
transition steps to lower emissions

New Clean Energy:
adding clean energy and jobs to Colorado's energy system

Colorado's Power Pathway

- 560 miles of new 345-kV double-circuit transmission line
- Five segments/ One optional segment
- Expands 4 substations, builds 3 new ones
- \$1.7 billion investment



Coal Action Plan

- Announced plant retirements
 - Hayden 2 in 2027
 - Hayden 1 in 2028
 - Craig 1 in 2025
 - Craig 2 in 2028
- Proposed further actions in Clean Energy Plan
 - Pawnee conversion to natural gas by 2028
 - Comanche 3 to reduce operations by 2030 and retire by 2040*



*Comanche 1 to retire in 2022 and Comanche 2 in 2025 per the Colorado Energy Plan

Anticipated New Resource Acquisitions

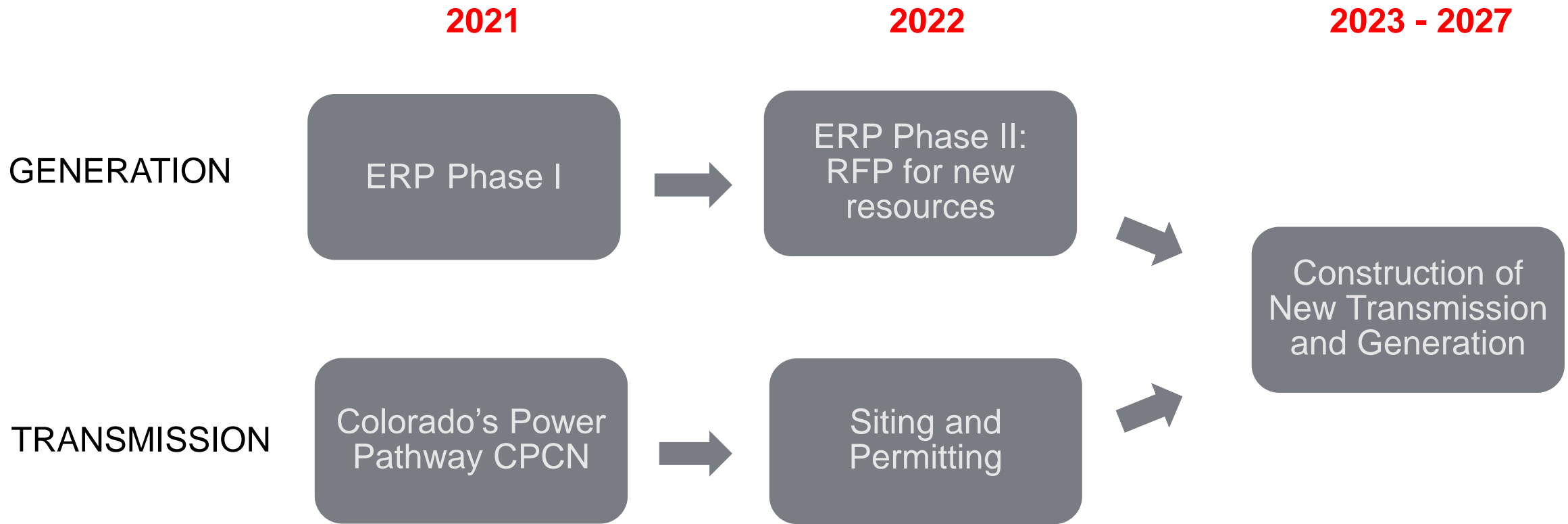
2030 Resource Acquisition and Clean Energy Plan

- Significant investment in clean energy resources
- Dispatchable capacity still needed to support the transition
- Expect to recontract some existing resources

Resource Type	Capacity (MW)
Wind	2,300
Utility-Scale Solar*	1,600
Storage	400
Dispatchable Resources	1,300
Total	5,600

*Plus 1,300 MW of distributed solar (onsite and solar gardens) outside of ERP

The Clean Energy Plan – Next Steps & Regulatory Process

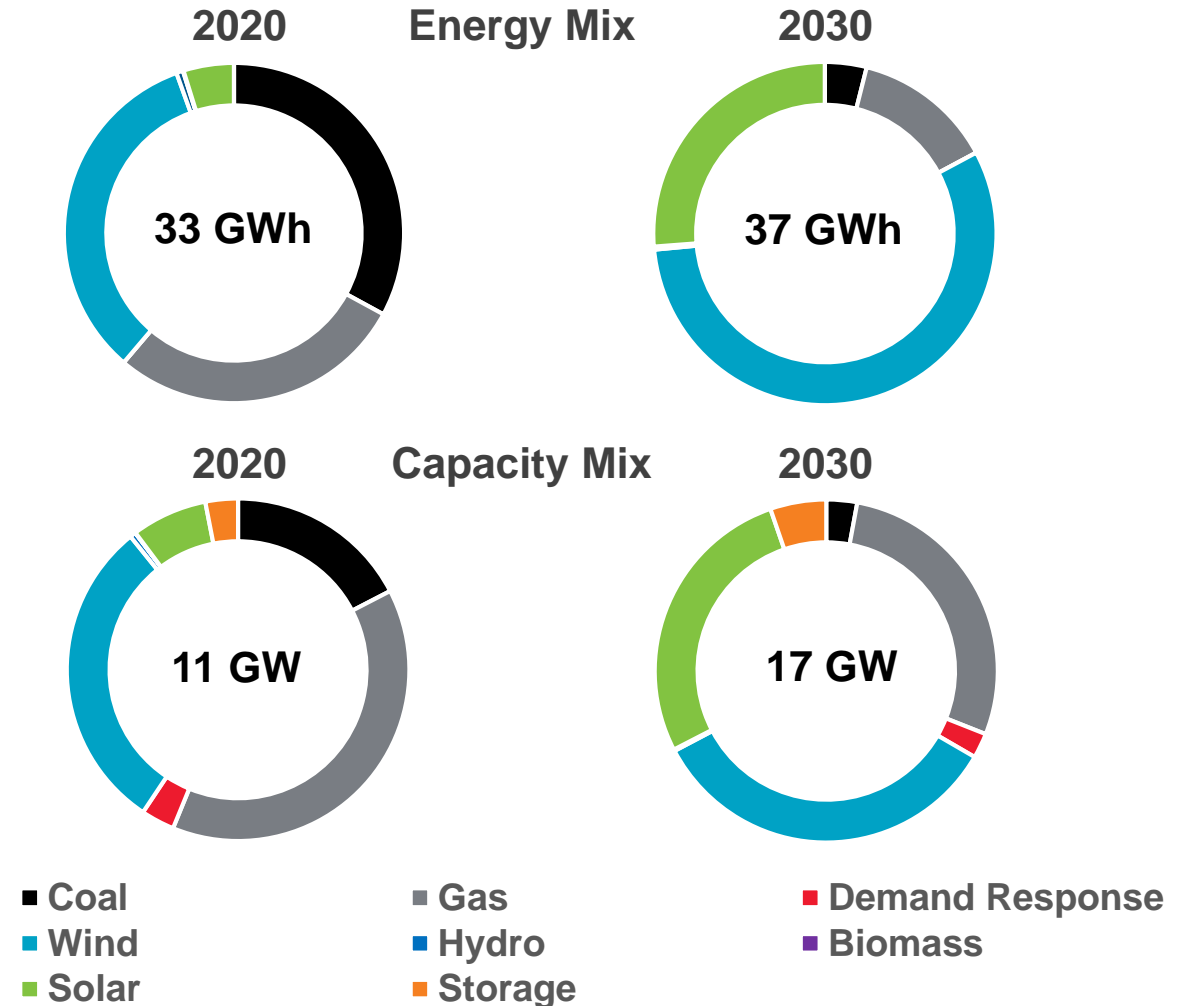


Timelines are representative. Specific generation and transmission components may vary.

Colorado Clean Energy Plan Transition Outcomes

Preferred Plan Exceeds State Greenhouse Gas Goals

- Customers could see an estimated:
 - 85% reduction in carbon emission from 2005 levels
 - 80% of energy delivered from renewable resources
 - Bill impacts of less than 2.0% annually
- These outcomes beat:
 - State's published Greenhouse Gas Roadmap expectations
 - Paris Climate Agreement guidelines, based on our previous studies



Transition to Clean Energy: 2020 to 2030

